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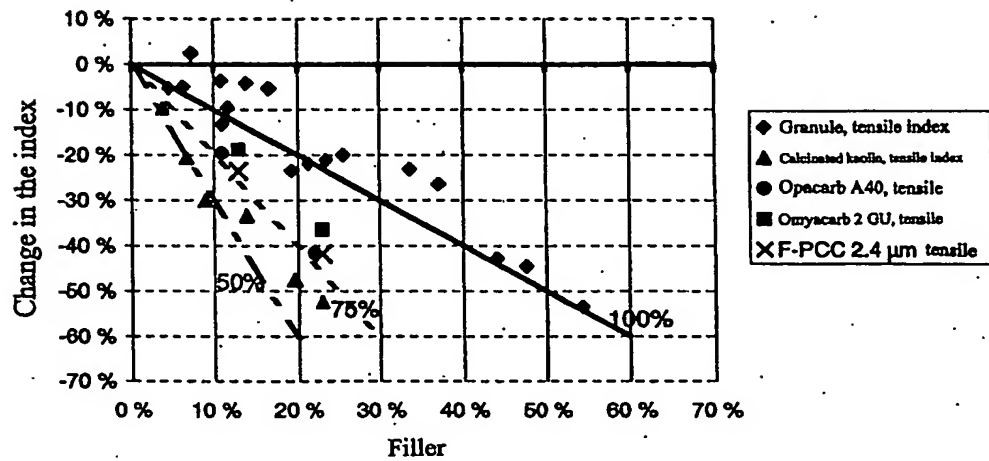


Fig. 1. Changes in the tensile strength indexes compared with chemical pulp (eucalyptus)

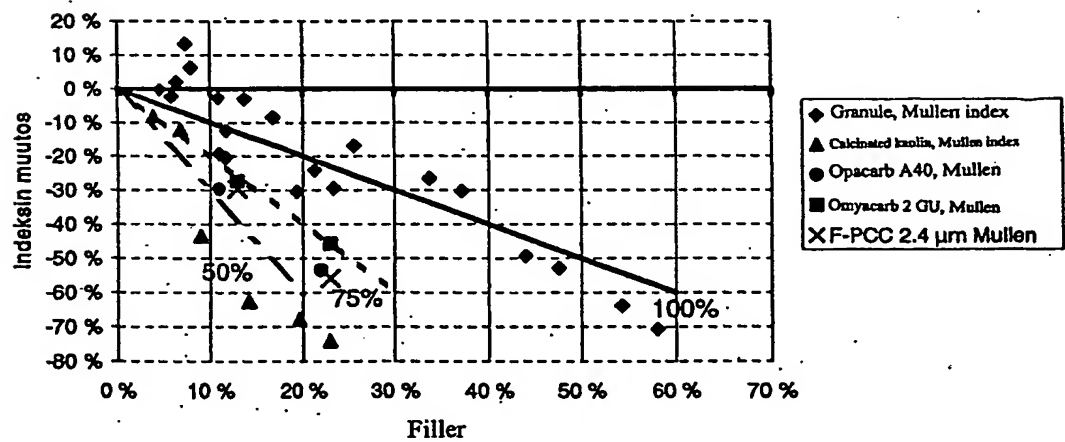


Fig. 2. Changes in the Mullen indexes compared with chemical pulp (eucalyptus)

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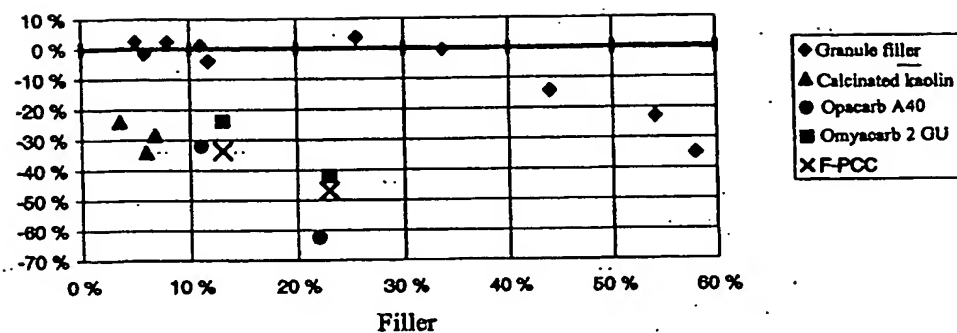


Fig. 3. Change in the bonding strength compared with clean chemical pulp.

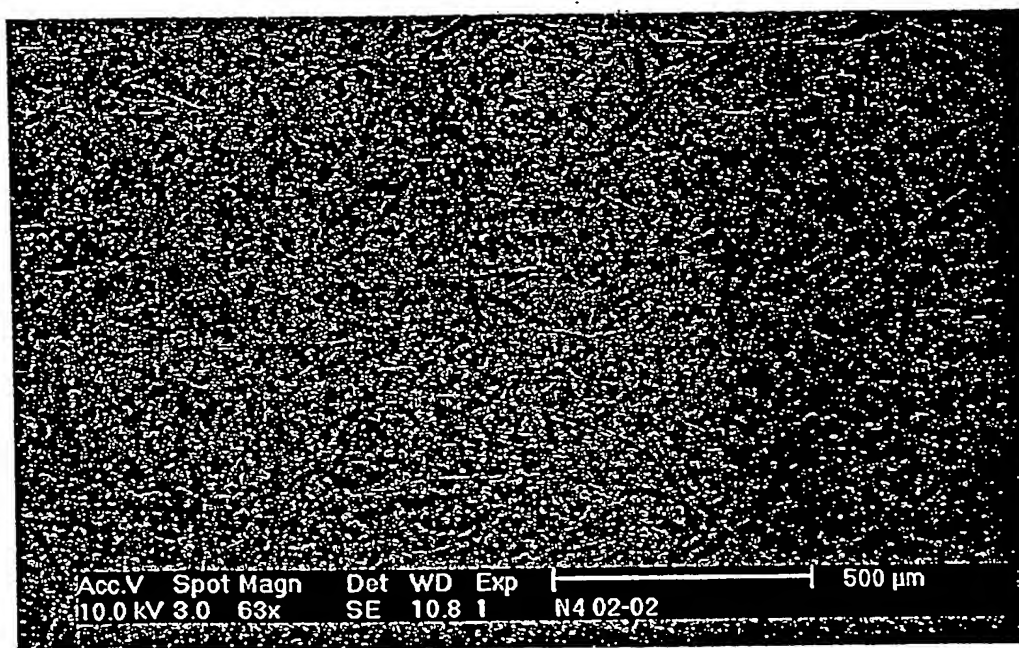


Fig. 4. The surface of a paper filled with granule filler, in an enlargement of about 75X. The paper contains 54% by weight of granules.

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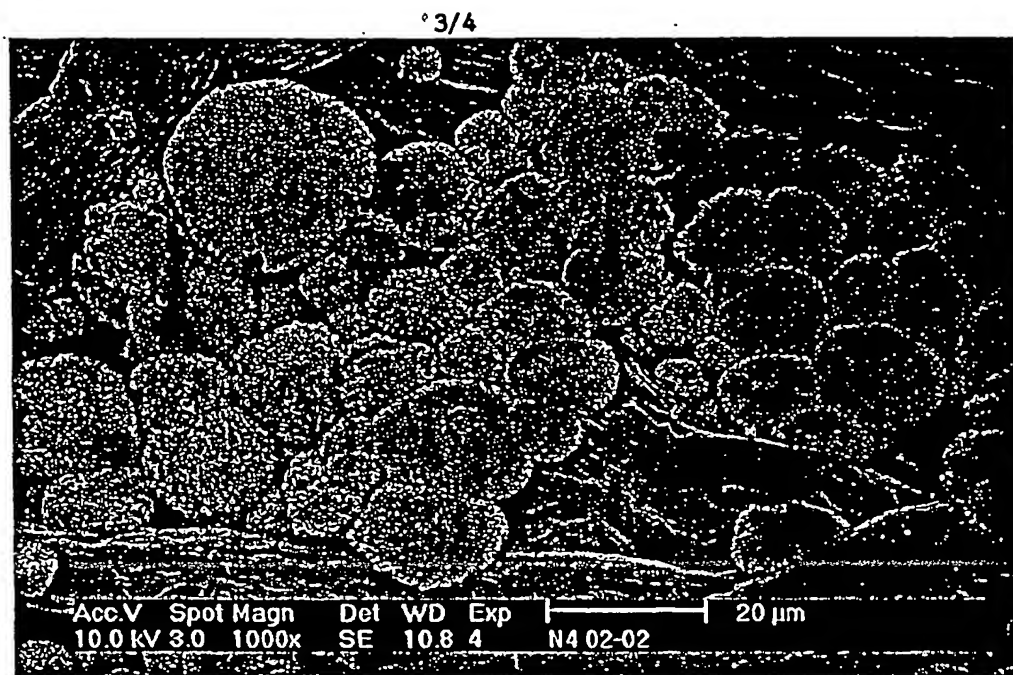


Fig. 5. The surface of a paper filled with granule filler, in an enlargement of about 1175X. The paper contains 54% by weight of granules.

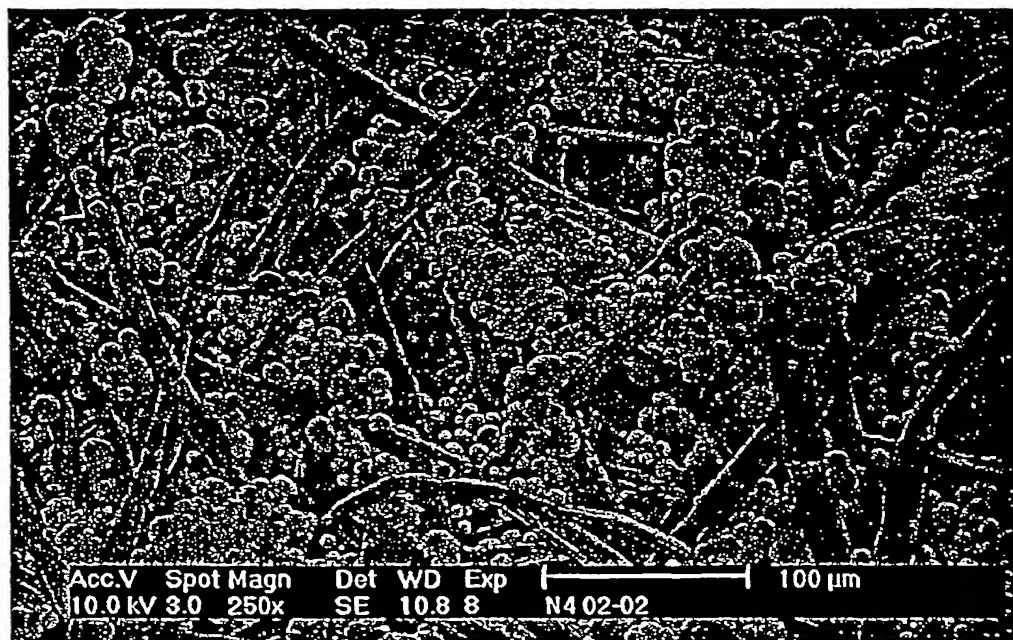


Fig. 6. The surface of a paper filled with granule filler, in an enlargement of about 300X. The paper contains 54% by weight of granules.

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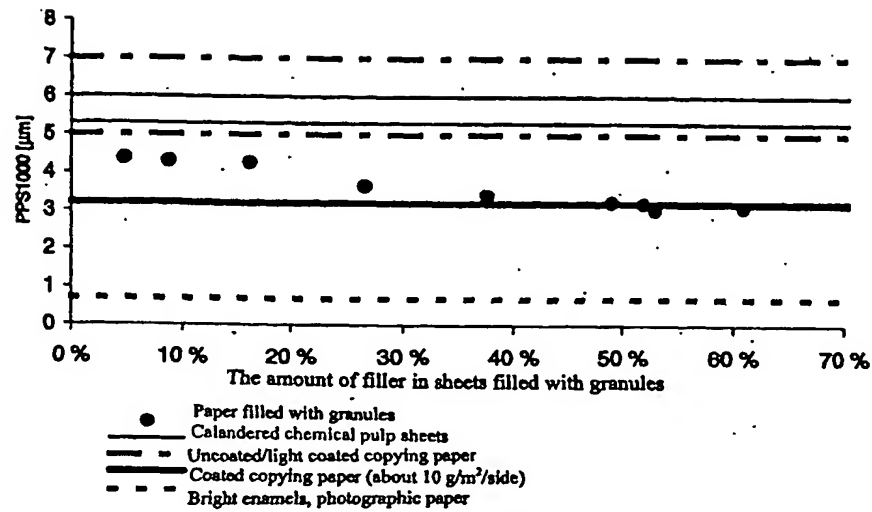


Fig. 7. The PPS1000 values of laboratory sheets filled with granules in comparison with laboratory sheets and commercial paper sheets not filled with the filler.

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